COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHNL021294 US

As a below named inventor, I he	ereby declare that:		
My residence, post office addre	ss and citizenship are as state	ed next to my name.	
I believe I am the original, first a plural names are listed below) of entitled: "Bit detector having the specification of which (check	of the subject matter which is one of the subject matter which is one of the subject of the subject in the subject is a subject to the subject in the subjec	name is listed below) or an original claimed and for which a patent is setector"	, first and joint inventor (if ought on the invention
is attached hereto.			
was filed as United States ap	oplication		
Serial No		•	
on			
and was amended			
on			
was filed as PCT internation: Number			
and was amended under PCT A	Article 19		
on			(if applicable).
I acknowledge the duty to disclorate 37, Code of Federal Regular I hereby claim foreign priority be or inventor's certificate or of any States of America listed below a any PCT international application	endment referred to above. see information which is mate ations, § 1.56(a). enefits under Title 35, United and PCT international application and have identified below any on(s) designating at least one	nts of the above-identified specification of the examination of this applications of this application (s) designating at least one country of the application (s) for patent or country other than the United State (the application (s) of which priority	cation in accordance with application(s) for patent ry other than the United inventor's certificate or es of America filed by me
PRIOR FOREIGN/PCT APPLIC	ATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 11	9:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Europe	02080240.1	12 December 2002	YES
		·	
		DEPARTMENT OF COMMERCEPat	

Comb	oined Declaratio	n For Patent Applic	ation and Pow	er of Attorney (Continue	d)	Attorneys Docket Number
(include	es Reference to PC	T International Applications) PHNL021294 US Y: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact				
POWE all busi	ER OF ATTORNE iness in the Patent a	Y: As a named inventor and Trademark Office co	, I hereby appoint nnected therewith	the following attorney(s) and/o t. (List name and registration n	or agent(s) to pro umber)	secute this application and transact
Jack	E. Haken, Reg.	No. 26,902			Direct Telepho	ne Calls to:
Micha	ael E. Marion, R	eg. No. 32,266			(name and tele (914)332-02	phone number)
Edwa	rd M. Blocker, F	Reg. No <u>.</u> 30,245			(914)552-02	-22
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME	L	SECOND GIVEN NAME
ا\ ,ب	INVENTOR	COENE		Willem		Marie Julia Marcel
1201	RESIDENCE &	CITY		STATE OR FOREIGN COU	NTRYa.	COUNTRY OF CITIZENSHIP
201	CITIZENSHIP	Eindhoven		The Netherlands	$n) C \times 1$	Belgium
Ì	POST OFFICE	POST OFFICE ADDRI		CITY	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	STATE & ZIP CODE/COUNTRY
	ADDRESS	Prof. Holstlaa	า 6	5656 AA Eindhove	en	The Netherlands
SW	FULL NAME OF INVENTOR	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME
· .		CITY	•	Albert STATE OR FOREIGN COU	NTDV: rt /	Hendrik Jan COUNTRY OF CITIZENSHIP
202	RESIDENCE & CITIZENSHIP	Eindhoven		The Netherlands		The Netherlands
ŀ	POST OFFICE	POST OFFICE ADDR	ESS	CITY	/ /~/	STATE & ZIP CODE/COUNTRY
	ADDRESS	Prof. Holstlaa		5656 AA Eindhove	en '	The Netherlands
$\overline{\overline{}}$	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME
(1)	INVENTOR	HENDRIKS		Bernardus		Hendrikus Wilhelmus
203	RESIDENCE &	CITY		STATE OR FOREIGN COU	NTRY 7 1/	COUNTRY OF CITIZENSHIP
Į	CITIZENSHIP	Eindhoven	<u>-</u>	The Netherlands	1028	The Netherlands
	POST OFFICE ADDRESS	POST OFFICE ADDR		J		STATE & ZIP CODE/COUNTRY The Netherlands
		Prof. Holstlaa			SECOND GIVEN NAME	
Hil	FULL NAME OF INVENTOR	FAMILY NAME SPRUIJT		Aloysius		Michael Josephus
/W		OF IXOID I		Aloysido	4	Maria
204	RESIDENCE &	CITY				COUNTRY OF CITIZENSHIP
207	CITIZENSHIP	Eindhoven		The Netherlands		The Netherlands
1	POST OFFICE	POST OFFICE ADDR		CITY		STATE & ZIP CODE/COUNTRY
	ADDRESS	Prof. Holstlaa	n 6	5656 AA Eindhove	en	The Netherlands
-/1)	FULL NAME OF INVENTOR	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME Andreas Bernd Werner
\sum_{i}^{N}	RESIDENCE &	BOLTE		-Markus STATE OR FOREIGN ÇOU!	NTRY	COUNTRY OF CITIZENSHIP
205	CITIZENSHIP	Norderstedt		Germany //		Germany
ŀ	POST OFFICE	POST OFFICE ADDR	ESS	CITY	/	STATE & ZIP CODE/COUNTRY
	ADDRESS	Poppenbuette	ler	D-22851 Norderst	edt	Germany
		Strasse 262				
true: a	nd further that these	e statements were made der section 1001 if Title 1	with the knowledg	ge that willful false statements ates Code, and that such willfu	and the like so n Il false statemen	ts may jeopardize the validity of the
SIGNA	TURE OF INVENT	OR 201	SIGNATURE O	F INVENTOR 202	SIGNAT	URE OF INVENTOR 203
l	, [, _ ,	y	$-\mathcal{A}$		<i> </i>	10. (1)
}	Mon		$ \alpha $	\mathcal{U} .	<i>Y</i>	blu C
DATE	00/11 2004		DATE	1 000/	DATE	20. 7. 7. 0004
	08 July 2004		/ 08 Ju	ly 2004		08 July 2004
SIGNA	TURE OF INVENT	OR 204	SIGNATURE OF	F INVENTOR 205		
DATE			DATE			

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER PHNL021294 US

As a below named inventor, I he	ereby declare that:					
My residence, post office address and citizenship are as stated next to my name.						
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Bit detector having partitioned photo detector" the specification of which (check only one item below):						
is attached hereto.						
was filed as United States a	was filed as United States application					
Serial No ————						
on						
and was amended						
on						
	12 November 2003					
and was amended under PCT Article 19						
on			(if applicable).			
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.						
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).						
I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:						
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIOR	TY CLAIMS UNDER 35 U.S.C. 119:				
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119			
Europe	02080240.1	12 December 2002	YES			

Comi	bined Declaratio	n For Patent Applic	ation and Pow	ver of Attorney (Continue	d)	Attorneys Docket Number	
		T International Applicati		-		PHNL021294 US	
POW all bus	ER OF ATTORNE in the Patent a	Y: As a named invento and Trademark Office co	r, I hereby appoint onnected therewith	the following attorney(s) and/on. (List name and registration n	or agent(s) to pro umber)	secute this application and transact	
Micha		No. 26,902 eg. No. 32,266 Reg. No. 30,245	>		Direct Telepho (name and tele (914)332-02	ephone number)	
	FULL NAME OF INVENTOR	FAMILY NAME COENE		FIRST GIVEN NAME Willem		SECOND GIVEN NAME Marie Julia Marcel	
201	RESIDENCE & CITIZENSHIP	CITY Eindhoven	-	STATE OR FOREIGN COULT The Netherlands	NTRY	COUNTRY OF CITIZENSHIP Belgium	
	POST OFFICE ADDRESS	POST OFFICE ADDR		5656 AA Eindhove	en	STATE & ZIP CODE/COUNTRY The Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME IMMINK		FIRST GIVEN NAME Albert		SECOND GIVEN NAME Hendrik Jan	
202	RESIDENCE & CITIZENSHIP	CITY Eindhoven		STATE OR FOREIGN COULT The Netherlands	NTRY	COUNTRY OF CITIZENSHIP The Netherlands	
	POST OFFICE ADDRESS	POST OFFICE ADDR		5656 AA Eindhove	en	STATE & ZIP CODE/COUNTRY The Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME HENDRIKS		FIRST GIVEN NAME Bernardus		SECOND GIVEN NAME Hendrikus Wilhelmus	
203	RESIDENCE & CITIZENSHIP	CITY Eindhoven		STATE OR FOREIGN COUNTRY The Netherlands		COUNTRY OF CITIZENSHIP The Netherlands	
	POST OFFICE ADDRESS	POST OFFICE ADDR		5656 AA Eindhoven		STATE & ZIP CODE/COUNTRY The Netherlands	
ivi	FULL NAME OF INVENTOR	FAMILY NAME SPRUIJT		FIRST GIVEN NAME Aloysius		second given name Michael Josephus Maria	
204	RESIDENCE & CITIZENSHIP	CITY Eindhoven		The Netherlands CITY 5656 AA Eindhoven		COUNTRY OF CITIZENSHIP The Netherlands	
	POST OFFICE ADDRESS	POST OFFICE ADDR				STATE & ZIP CODE/COUNTRY The Netherlands	
	FULL NAME OF INVENTOR	FAMILY NAME BOLTE		FIRST GIVEN NAME Markus		SECOND GIVEN NAME Andreas Bernd Werner	
205	RESIDENCE & CITIZENSHIP	CITY Norderstedt		STATE OR FOREIGN COU	NTRY	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	Post office ADDR Poppenbuette Strasse 262		D-22851 Norderstedt		Germany	
rue: a mpris	nd further that these	e statements were made der section 1001 if Title	with the knowledg	ge that willful false statements	and the like so n	formation and belief are believed to be nade are punishable by fine or ts may jeopardize the validity of the	
SIGNATURE OF INVENTOR 201		SIGNATURE O	OF INVENTOR 202 SIGNA		URE OF INVENTOR 203		
DATE			DATE		DATE		
SIGNA	TURE OF INVENT	OR 204	SIGNATURE O	F INVENTOR 205			

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

DATE

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications) ATTORNEY'S DOCKET NUMBER PHNL021294 US

As a below named inventor, I h	ereby declare that:				
My residence, post office address and citizenship are as stated next to my name.					
plural names are listed below) entitled: "Bit detector havi	believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if blural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Bit detector having partitioned photo detector" he specification of which (check only one item below):				
is attached hereto.					
☐ was filed as United States a	pplication				
Serial No					
on					
and was amended		•			
on					
was filed as PCT internation	nal application				
Number ' <u>PCT/IB2003/005369</u>					
on <u>12 November 2003</u>					
and was amended under PCT Article 19					
on			(if applicable).		
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.					
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).					
I hereby claim foreign priority b or inventor's certificate or of an States of America listed below any PCT international application	enefits under Title 35, United of the properties	States Code, § 119 of any foreign applin(s) designating at least one country of foreign application(s) for patent or invicountry other than the United States of the application(s) of which priority is constant.	ther than the United entor's certificate or of America filed by me		
PRIOR FOREIGN/PCT APPLIC	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 119:			
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119		
Europe	02080240.1	12 December 2002	YES		
					
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• .				_		
Comb (includ	Combined Declaration For Patent Application and Power of Attorney (Continued) Attorneys Docket Number PHNL021294 US					
				the following attornev(s) and/o	or agent(s) to pro	secute this application and transact
all busi	iness in the Patent	and Trademark Office co	nnected therewith	. (List name and registration no	umber)	
Jack	E. Haken, Reg.	No. 26.902			Direct Telepho	
		eg. No. 32,266				ephone number)
		Reg. No. 30,245			(914)332-02	222
3	ara m. Bioonor, i	(og. 110. 00,± 10				
? 	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME
	INVENTOR	COENE		Willem		Marie Julia Marcel
201	RESIDENCE &	CITY		STATE OR FOREIGN COUN	NTRY	COUNTRY OF CITIZENSHIP
	CITIZENSHIP	Eindhoven		The Netherlands		Belgium
Ì	POST OFFICE	POST OFFICE ADDR	ESS	CITY		STATE & ZIP CODE/COUNTRY
	ADDRESS	Prof. Holstlaa	n 6	5656 AA Eindhove	en	The Netherlands
i	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME
	INVENTOR	IMMINK		Albert		Hendrik Jan
202	RESIDENCE &	CITY		STATE OR FOREIGN COUN	NTRY	COUNTRY OF CITIZENSHIP
	CITIZENSHIP	Eindhoven		The Netherlands		The Netherlands
ļ	POST OFFICE	POST OFFICE ADDR	ESS	CITY		STATE & ZIP CODE/COUNTRY
	ADDRESS	Prof. Holstlaa	n 6	5656 AA Eindhove	en	The Netherlands
	FULL NAME OF	FAMILY NAME	******	FIRST GIVEN NAME		SECOND GIVEN NAME
	INVENTOR	HENDRIKS		Bernardus		Hendrikus Wilhelmus
203	RESIDENCE &	CITY		STATE OR FOREIGN COUN	VTRY	COUNTRY OF CITIZENSHIP
	CITIZENSHIP	Eindhoven		The Netherlands		The Netherlands
Ì	POST OFFICE	POST OFFICE ADDR	ESS	CITY		STATE & ZIP CODE/COUNTRY
- 1	ADDRESS	Prof. Holstlaan 6		5656 AA Eindhove	en j	The Netherlands
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME
	INVENTOR	SPRUIJT		Aloysius		Michael Josephus
						Maria
204	RESIDENCE &	CITY		STATE OR FOREIGN COUN	VTRY	COUNTRY OF CITIZENSHIP
204	CITIZENSHIP	Eindhoven		The Netherlands		The Netherlands
}	POST OFFICE	POST OFFICE ADDR	ESS	CITY		STATE & ZIP CODE/COUNTRY
,	ADDRESS	Prof. Holstlaa		5656 AA Eindhove	en	The Netherlands
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME
<i>1</i> U	INVENTOR	BOLTE		Markus		Andreas Bernd Werner
٠,	RESIDENCE &	CITY		STATE OR FOREIGN COUN	VTRY\ /	COUNTRY OF CITIZENSHIP
205	CITIZENSHIP	Norderstedt		Germany /	an X	Germany
}	POST OFFICE	POST OFFICE ADDR	ESS	CITY		STATE & ZIP CODE/COUNTRY
}	ADDRESS	Poppenbuette		D-22851 Norderste	edt	Germany
		Strasse 262				
		JU 4556 202				
1 hereb	v declare that all st	atements made herein o	f mv own knowled	de are true and that all stateme	ents made on in	formation and belief are believed to be
true: ai	nd further that these	statements were made	with the knowledg	ge that willful false statements a	and the like so n	nade are punishable by fine or
			18 of the United st	ates Code, and that such willfu	ıl false statemen	ts may jeopardize the validity of the
applica	ation or any patent is	ssuing thereon.				
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DATE			DATE		DATE	
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SIGNATURE OF INVENTOR 204 SIGNATURE OF INVENTOR 205						
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U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

DATE 14 July 2004

DATE

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby	y revoke all pre	evious powers of attorney	given in the applic	cation identified	d in the attached sta	itement under
	y appoint:					
	actitioners associa	ated with the Customer Number:	: 247	737		

	actitioner(s) named	d below (if more than ten patent	practitioners are to be	named, then a cus	stomer number must be	used):
		Name	Registration Number		Name	Registration
			, and the second			Number
L						
-						
as afforma	u/a) or agent/a) to					
		o represent the undersigned beforms assigned only to the undersiondance with 37 CFR 3.73(b).	ore the United States P igned according to the	atent and Tradema USPTO assignmen	ark Office (USPTO) in contraction of the contractio	onnection with documents
Please ch	ange the correspo	ondence address for the applica	tion identified in the att	ached statement u	Inder 37 CFR 3.73(b) to:	
OR	The address associated	clated with Customer Number:	2473	7		
Fin	m or					 -
Address	lividual Name					
Cit.						1
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Country						
Telephor	16			Fax		
Assignee I	Name and Address	8:		<u> </u>		
-			erre burr	TDG DTDG		
			Swoudseweg		TRONICS N.V.	ı
			BA Eindhove		etherlands	
А сору о	f this form, tog	ether with a statement und	der 37 CFR 3.73(b)	(Form PTO/SB/	96 or equivalent) is r	equired to be
the pract	acn application litioners appoin	n in which this form is used nted in this form if the appo	d. The statement ui ointed practitioner i	nder 37 CFR 3.7 is authorized to	73/h) may be comple	tod by one of
and mus	t identify the ap	pplication in which this Po	wer of Attorney is t	o be filed.	7 401 011 0611411 01 410	assignee,
	The divi	SIGNAT ridual whose signature and title	TURE of Assignee of I	Record athorized to act on	n behalf of the assignee	
Signature	Mu	Kade. HL	in		Date 14 Janua	ry 2005
Name	Michael				Telephone (914)	333-9637
Title	Authori	zed Representat	ive			

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time with vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JC09 Rec'd PCT/PTO 07 JUN 2005

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Koninklijke Philips Electronics N.V.
Application No./Patent No.: Concurrently Filed/Issue Date: Concurrently
Entitled: BIT DETECTOR HAVING PARTITIONED PHOTO DETECTOR
Koninklijke Philips Electronics N.V. , a <u>corporation</u> (Name of Assignee) , a <u>corporation</u> (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is% in the patent application/patent identified above by virtue of either:
A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
OR
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From: — To: —
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
The document was recorded in the United States Patent and Trademark Office at
Reel, Frame, or for which a copy thereof is attached.
3. From:To:To:The document was recorded in the United States Patent and Trademark Office at
The document was recorded in the United States Patent and Trademark Office at
Reel, Frame, or for which a copy thereof is attached.
[] Additional documents in the chain of title are listed on a supplemental sheet.
[] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (<i>i.e.</i> , the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
2 Edward W. Goodman, Reg. 28,613
Date Typed or Printed name
(914) 333-9611
Telephone number Signature
Corporate Counsel

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.